



# **Section G**

## ***200 Area Remediation***

### **PROJECT MANAGERS**

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## **INTRODUCTION**

The 200 Area Remediation, Project Baseline Summary (PBS) RL-CP01, Work Breakdown Structure (WBS) 3.3.1.4, 3.3.1.5, 3.3.1.6, 3.3.1.7, 3.3.1.8, 3.3.1.9, and 3.3.1.11 consists of Central Plateau Facility (CPF) Transition, the Equipment Disposition Project, and Central Plateau Waste Site Remediation.

NOTE: Unless otherwise noted, all information contained herein is as of the end of November 2002.

Fiscal-year-to-date, two scheduled milestones (one RL, one EA) were completed ahead of schedule.

## **ACCOMPLISHMENTS**

The 200 Area Facilities Disposition Project (AFD) completed milestone TRP-38-803, "Complete installation of new roofs at PUREX and B Plant" two weeks ahead of schedule. In addition, repainting of the 2718-E floor and bio-hazard cleanup were completed, the 28-day stack sample monitoring for 209-E was completed, and the B Plant Document Safety Evaluation Report (SER) implementation was completed as planned.

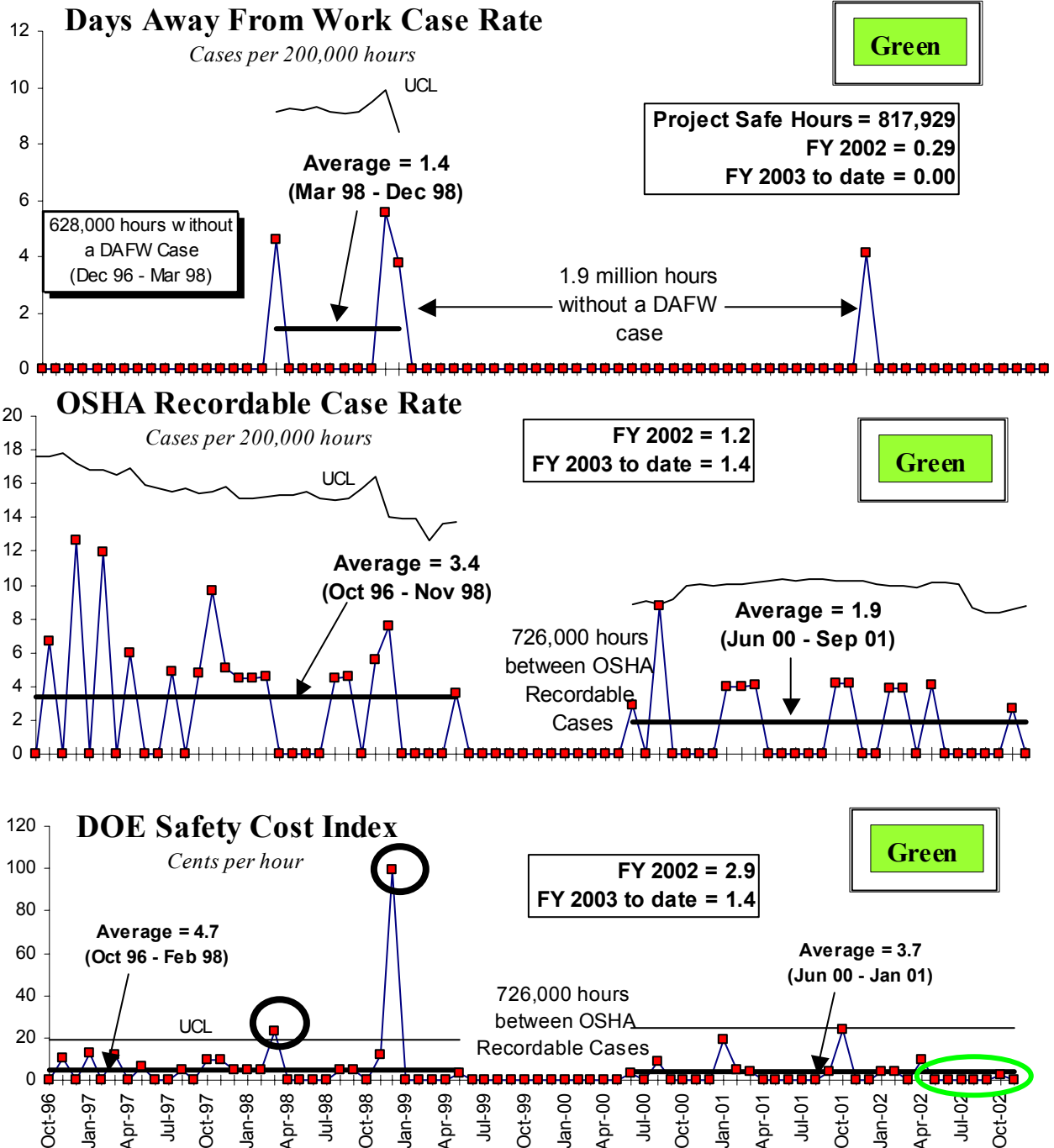
The Equipment Disposition Project (EDP) completed grouting of both 183K ion exchange column boxes and shipped them to the burial grounds as planned.

At the 233-S Building the high steel platform removal was completed; the characterization, decontamination and non-destructive assay contractors were mobilized; the hot spot decontamination was completed; and the site demonstration activities were initiated as planned.

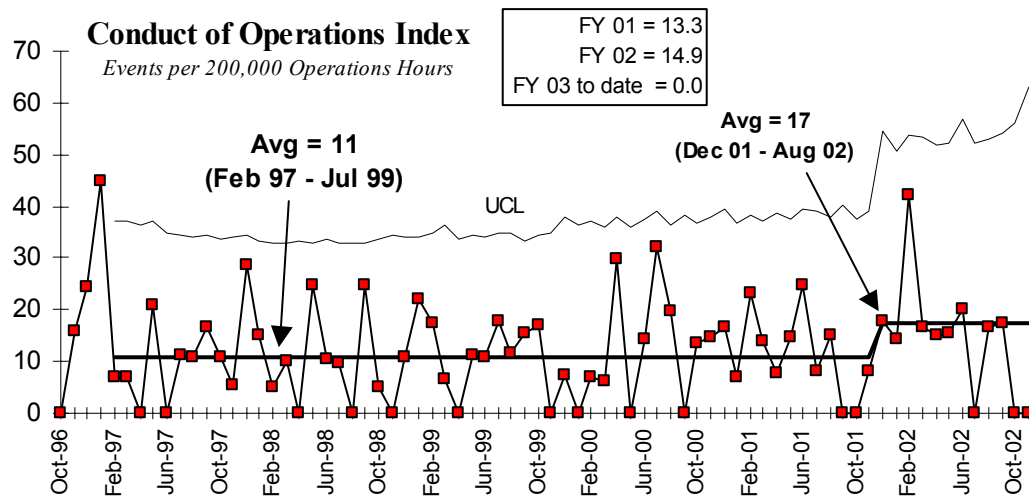
The 200 Area Waste Site staff provided the final draft of the U-Plant white paper to RL. In addition, eight test pits were completed to collect field information to characterize three waste sites in support of the Chemical Sewers Operable Unit remedial investigation, and two new temporary monitoring probes were installed in the Low-Level Burial Grounds (LLBG) to continue the collection of carbon tetrachloride soil vapor data. All five probes were sampled as planned.

## SAFETY

The Central Plateau Remediation Project (CP) has achieved 817,929 safe work hours since the last Days Away from Work case. The OSHA Recordable case Rate is 1.4, and the overall rating for CP is green.



## CONDUCT OF OPERATIONS



## BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

### Breakthroughs

None to report.

### Opportunities for Improvement

None to report.

## UPCOMING ACTIVITIES

**Waste Sites** — Submit one 200 National Priorities List (CERCLA) Remedial investigation/feasibility study (EPA) Work Plan for the 200-IS-1 tanks/liners/pits/diversion boxes operable units by December 31, 2002.

Install two additional wells at SST Waste Management Area TX-TY by December 31, 2002.

**233-S/SA Facilities** — Decontaminate and Decommission the 233-S and 233-SA Facilities by June 30, 2004.

## MILESTONE ACHIEVEMENT

### FH Contract Milestones

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
M-15-41B	Submit 200-TW-1 and 200-TW-2 OU Remedial Investigation Report to EPA and Ecology	TPA	10/30/02	10/23/02		Complete.
TRP-38-803	Complete Installation of New Roofs on PUREX & B Plant	RL	11/30/02	11/18/02		Complete. Letter submitted to RL.
M-24-56	Install Two Additional Wells at SST Waste Management Area TX-TY.	TPA	12/31/02			On Schedule.
M-13-00M	Submit 1 200 NPL RI/FS (RFI/CMS) Work Plan	TPA	12/31/02			On Schedule - Tri-Party Agreement Change Request M-013-02-01 eliminated 2 of the 3 workplans. RL comments are being incorporated.
M-15-38A	Submit 200-CW-1 Gable Mountain Pond/B Pond and Ditch Cooling Water Group Feasibility Study	TPA	3/31/03			On Schedule.
M-15-40B	Submit 200-CW-5 U Pond/Z Ditches Cooling Water Group Remedial Investigation Report	TPA	5/31/03			On Schedule.
M-15-47	Submit a Proposed Plan to EPA and/or Ecology to conduct Remedial Action(s) for Source Control at High-Risk Waste Site(s)	TPA	6/30/03			On Schedule.
M-15-39A	Complete Chemical Sewer Group Field Work Through Sample Collection and Analysis	TPA	9/30/03			On Schedule.
M-13-00N	Submit 1 200 NPL RI/FS (RFI/CMS) Work Plan	TPA	12/31/03			On Schedule.
M-020-00A	Submit Part B Permit Applications or Closure/Post Closure Plans for all RCRA TSD Units Except 216-A-10, 216-A-36B, 216-A-37-1, 207-A South Retention Basin, 216-S-10 Pond, 216-S-10 Ditch, 241-CX-70, 241-CX-71, and 241-CX-72.	TPA	2/28/04			On Schedule
M-15-41C	Submit 200-TW-1 and 200-TW-2 OU Feasibility Study and Proposed Plan to EPA and Ecology	TPA	3/31/04			On Schedule
M-15-39B	Submit 200-CS-1 Chemical Sewer Group Remedial Investigation Report	TPA	5/31/04			On Schedule
M-13-00O	Submit 1 200 NPL RI/FS (RFI/CMS) Work Plan	TPA	12/31/04			On Schedule
M-15-43B	Submit 200-PW-2 OU Remedial Investigation Report Including Past Practice Waste Sites in 200-PW-4 General Process Waste Group	TPA	6/30/04			On Schedule
TRP-38-802	Decontaminate and Decommission the 233-S and 233-SA Facilities	RL	6/30/04			On Schedule
M-15-40C	Submit 200-CW-5 U Pond/Z Ditches Cooling Water Group Feasibility Study and Submit 200-CW-5 U Pond/Z Ditches Cooling Water Group Proposed Plan	TPA	10/31/04			On Schedule
TRP-38-805	Complete Equipment Disposition Project (PUREX Cars)	RL	8/31/05			On Schedule
M-15-46A	Submit 200 Area Chemical Laboratory Waste OUs Remedial Investigation Report, Including the Past Practice Waste Sites in the 200-LW-1 and 200-LW-2 200 Area Chemical Laboratory Groups	TPA	10/31/05			On Schedule

## MILESTONE ACHIEVEMENT (CONTINUED)

### FH Contract Milestones

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
M-15-39C	Submit 200-CS-1 Chemical Sewer Group Feasibility Study and Submit 200 CS-1 Chemical Sewer Group Proposed Plan/Proposed RCRA Permit Modification	TPA	11/30/05			On Schedule
M-20-39	Submit 216-S-10 Pond and Ditch Closure/Post Closure Plan to Ecology	TPA	11/30/05			On Schedule
M-15-43C	Submit 200-PW-2 OU Feasibility Study and Proposed Plan/Proposed RCRA Permit Modification	TPA	12/31/05			On Schedule
M-15-44A	Submit 200-MW-1 OU Remedial Investigation Report.	TPA	12/31/05			On Schedule
M-20-33	Submit 216-A-10 Crib, 216-A-36B Crib, 216-A-37-1 Crib, and 207-A South Retention Basin Closure/ Post Closure Plans to Ecology	TPA	12/31/05			On Schedule
TRP-38-804	Complete Equipment Disposition Project (212R Cars)	RL	6/30/06			On Schedule
M-15-46B	Submit 200 Area Chemical Laboratory Waste OUs Feasibility Study and Proposed Plan/Proposed Permit Modification, Including the Past Practice Waste Sites in the 200-LW-1 and 200-LW-2 200 Area Chemical Laboratory Groups.	TPA	9/30/06			On Schedule

## PERFORMANCE OBJECTIVES

### Outcomes: Transition Central Plateau to support long-term waste management

#### Performance Indicator FHI-M3 – 200 Area Facility Disposition

#### Status

Contract Modification 166 (Mod. 166) supersedes components of M3 with exception of the B Plant/PUREX roof replacement scope and the Equipment Disposition Project super stretch expectation. These elements will be retained through December 31, 2002. The 233-S/SA D&D is continued on new Performance Objective S-5, *Demolish Excess Hazardous Facilities*.

Measure 1: Disposition Surplus Buildings and Rolling Stock

Expectation 1:

Base: Decontaminate & Decommission (D&D) 233-S & 233-SA Facilities by September 30, 2004.  
Stretch: D&D 233-S & 233-SA by June 30, 2004.

Rewritten in S-5. D&D to slab-on-grade by June 30, 2004, with fee decreasing to zero on September 30, 2004.  
Cancelled; last report on this item.

Expectation 2: Complete installation of new roofs on PUREX & B Plant by November 30, 2002.

Complete - Extended to December 31, 2002, by Mod. 166 to allow for final approval and payment.

Expectation 3:

Base: Disposition contaminated railcars by June 30, 2006.

Cancelled; last report on this item.

Stretch: Disposition contaminated railcars by August 31, 2005.

Cancelled; last report on this item.

Super stretch: Disposition contaminated railcars and heavy equipment by September 30, 2003.

Mod. 166 retained this element for performance through September 30, 2003. BCR CP01-03-004 R1 was submitted to RL on December 5, 2002, requesting authorization.

**New Performance Objectives related to 200 Area disposition authorized by Mod. 166.**

**S-5 – Demolish Excess Hazardous Facilities**

**Performance Objective 2:**

**Status**

Demolish Pu Concentration Facilities by September 30, 2006.

- 233-S/SA D&D to slab on grade by June 30, 2004.
- 224-B D&D to slab on grade by September 30, 2006.
- 224-T D&D to slab on grade by September 30, 2006.

233-S/SA on schedule.

**New Performance Objectives related to protection of Hanford groundwater.**

**S-6 – Cleanup and Protect Hanford Groundwater**

**Performance Objective 2:**

Transition the Central Plateau.

**Performance Objective 2a:**

**Status**

Remove U Plant ancillary facilities, remediate U Plant waste sites, and ready U Plant for demolition in accordance with Records of Decision by September 30, 2006.

- U Plant ancillary facilities to slab on grade
- U plant area high risk wastes sites remediated
- U Plant D&D ready.

Planning under way.

**Performance Objective 2b:**

**Status**

Complete area closures based on comprehensive area plan including BC cribs and trenches and BC control area by September 30, 2006.

- Remediate BC cribs, trenches, pipelines, and the BC control area surface cleanup.

Planning under way.

## ISSUES

### Technical, Regulatory, External and DOE Issues and DOE Requests

None to report.

### BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

BCR No. Level 4 WBS	Date Originated	Description	Impact		Date Approved	Status
			Days	Dollars (\$000s)		
CP01-03-001 3.3.1.7	9/6/02	233-S Structural Steel and Tank L-1A Removal	16	\$357		Withdrawn - incorporating via contract Mod. 166.
CP01-03-002 3.3.1.7	9/3/02	233-S Staffing Delay and Emerging Workslope Impact	45	\$49		Withdrawn - incorporating via contract Mod. 166.
CP01-03-003 3.3.1.5	5/22/02	224-T Cell Water Removal and Remediation	151	\$33		Withdrawn - incorporating via contract Mod. 166.
CP01-03-004 3.1.6.1	10/3/02	Authorize EDP Super Stretch		NA		Rev. 0 Returned without action. Rev. 1 transmitted to RL for approval.